

Shrink fit chuck

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US5873687
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Abstract of EP1084782

The shrink-fit bush (1) comprises an intermediate layer (6) which is made of a thermally insulating material and is located in the tool seat zone (3) of the chuck body (4). The layer - whose purpose is to impede heat transfer to the tool when the chuck is heated for purposes of tool removal - consists of doped zirconium dioxide or PTFE.

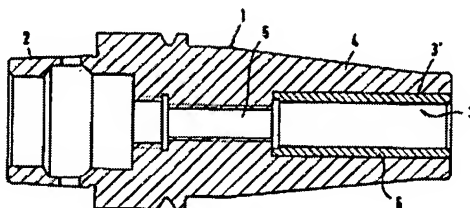


FIG. 1

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